



YFPGGFP Sequence.ST25.txt
SEQUENCE LISTING

<110> Schultz, Jerome
<120> System and Method for Detecting Bioanalytes and Method for
Producing a Bioanalyte Sensor
<130> 03-016
<140> 10/649,433
<141> 2003-08-26
<160> 1
<170> PatentIn version 3.3
<210> 1
<211> 6729
<212> DNA
<213> Escherichia coli
<400> 1
gtttgacagc ttatcatcga ctgcacggtg caccaatgct tctggcgtca ggcagccatc 60
ggaagctgtg gtatggctgt gcaggctgta aatcactgca taattcgtgt cgctcaaggc 120
gcactcccgt tctggataat gttttttgcg ccgacatcat aacggttctg gcaaataattc 180
tgaaatgagc tgttgacaat taatcatccg gctcgtataa tgtgtggaat tgtgagcgga 240
taacaatttc acacaggaaa cagcgccgct gagaaaaagc gaagcggcac tgctctttaa 300
caatttatca gacaatctgt gtgggcactc gaccggaatt atcgattaac tttattatta 360
aaaattaaag aggtatatat taatgtatcg attaaataag gaggaataaa ccatggtgag 420
caagggcgag gagctgttca ccgggggtgt gcccatactg gtcgagctgg acggcgacgt 480
aaacggccac aagttcagcg tgtccggcga gggcgagggc gatgccacct acggcaagct 540
gaccctgaag ttcatctgca ccaccggcaa gctgcccgtg ccctggccca ccctcgtgac 600
caccttcggc tacggcctgc agtgcttcgc ccgctacccc gaccacatga agcagcacga 660
cttcttcaag tccgccatgc ccgaaggcta cgtccaggag cgcaccatct tcttcaagga 720
cgacggcaac tacaagaccc gcgccgaggt gaagttcgag ggcgacaccc tgggtgaaccg 780
catcgagctg aagggcatcg acttcaagga ggacggcaac atcctggggc acaagctgga 840
gtacaactac aacagccaca acgtctatat catggccgac aagcagaaga acggcatcaa 900
ggtgaacttc aagatccgcc acaacatcga ggacggcagc gtgcagctcg ccgaccacta 960
ccagcagaac acccccatcg gcgacggccc cgtgctgctg cccgacaacc actacctgag 1020
ctaccagtcc gccctgagca aagaccccaa cgagaagcgc gatcacatgg tctgctgga 1080
gttcgtgacc gccgccggga tcaactctcg catggacgag ctgtacaaga ctagtgctga 1140
tactcgcat ggtgtaacaa tctataagta cgacgataac tttatgtctg tagtgcgcaa 1200
ggctattgag caagatgcga aagccgcgcc agatgttcag ctgctgatga atgattctca 1260

YFPGGFP Sequence.ST25.txt

gaatgaccag	tccaagcaga	acgatcagat	cgacgtattg	ctggccaagg	gggtgaaggc	1320
actggccatc	aacctgggtg	acccggcagc	tgcggttacg	gtgattgaga	aagcgcgtgg	1380
gcaaaacgtg	ccggtgggtt	tcttcaacaa	agaaccgtct	cgtaaggcgc	tggatagcta	1440
cgacaaaagcc	tactacgttg	gactgactc	aaaagagtcc	ggcattattc	aaggcgattt	1500
gattgctaaa	cactgggcgg	cgaatcaggg	ttgggatctg	aacaaagacg	gtcagattca	1560
gttcgtactg	ctgaaagggt	aaccgggcc	tccggatgca	gaagcacgta	ccacttacgt	1620
gattaaagaa	ttgaacgata	aaggcatcaa	aactgaacag	ttacagttag	ataccgcaat	1680
gtgggacacc	gctcaggcga	aagataagat	ggacgcctgg	ctgtctggcc	cgaacgcaa	1740
caaaatcgaa	gtggttatcg	ccaacaacga	tgcgatggca	atgggcgcgg	ttgaagcgct	1800
gaaagcacac	aacaagtcca	gcattccggt	gtttggcgctc	gatgcgctgc	cagaagcgct	1860
ggcgctgggtg	aaatccgggtg	cactggcggg	caccgtactg	aacgatgcta	acaaccaggc	1920
gaaagcgacc	tttgatctgg	cgaaaaacct	ggccgatgggt	aaagggtgcgg	ctgatggcac	1980
caactggaaa	atcgacaaca	aagtgggtccg	cgtaccttat	gttggcgtag	ataaagacaa	2040
cctggctgaa	ttcagcaaga	aagggtaccag	taaaggagaa	gaacttttca	ctggagttgt	2100
cccaattctt	gttgaattag	atggtgatgt	taatgggcac	aaattttctg	tcagtggaga	2160
gggtgaagggt	gatgcaacat	acggaaaact	tacccttaaa	tttatttgca	ctactggaaa	2220
actacctgtt	ccatggccaa	cacttgtcac	tactttctct	tatggtgttc	aatgcttttc	2280
ccgttatccg	gatcatatga	aacggcatga	ctttttcaag	agtgccatgc	ccgaaggtta	2340
tgtacaggaa	cgactatat	ctttcaaaga	tgacgggaac	tacaagacgc	gtgctgaagt	2400
caagtttgaa	ggtgataccc	ttgttaatcg	tatcgagtta	aaaggatttg	attttaaaga	2460
agatggaaac	attctcggac	acaaactcga	gtacaactat	aactcacaca	atgtatacat	2520
cacggcagac	aaacaaaaga	atggaatcaa	agctaacttc	aaaattcgcc	acaacattga	2580
agatggatcc	gttcaactag	cagaccatta	tcaacaaaat	actccaattg	gcgatggccc	2640
tgtcctttta	ccagacaacc	attacctgtc	gacacaatct	gccctttcga	aagatcccaa	2700
cgaaaagcgt	gaccacatgg	tccttcttga	gtttgtaact	gctgctggga	ttacacatgg	2760
catggatgag	ctctacaaat	aaaagcttac	gtagaacaaa	aactcatctc	agaagaggat	2820
ctgaatagcg	ccgtcgacca	tcatcatcat	catcattgag	tttaaacggg	ctccagcttg	2880
gctgttttgg	cggatgagag	aagattttca	gcctgataca	gattaaatca	gaacgcagaa	2940
gcggtctgat	aaaacagaat	ttgcctggcg	gcagtagcgc	gggtgtccca	cctgacccca	3000
tgccgaactc	agaagtgaaa	cgccgtagcg	ccgatggtag	tgtgggggtct	ccccatgcga	3060
gagtagggaa	ctgccaggca	tcaaataaaa	cgaaaggctc	agtcgaaaga	ctgggccttt	3120

YFPGGFP Sequence.ST25.txt

cgttttatct gttgtttgtc ggtgaacgct ctcctgagta ggacaaatcc gccgggagcg 3180
 gatttgaacg ttgcgaagca acggcccggg ggggtggcggg caggacgccc gccataaact 3240
 gccaggcatc aaattaagca gaaggccatc ctgacggatg gcctttttgc gtttctacaa 3300
 actctttttg tttatttttc taaatacatt caaatatgta tccgctcatg agacaataac 3360
 cctgataaat gcttcaataa tattgaaaaa ggaagagtat gagtattcaa catttccgtg 3420
 tcgccccttat tccctttttt gcggcatttt gccttcctgt ttttgctcac ccagaaacgc 3480
 tggtgaaagt aaaagatgct gaagatcagt tgggtgcacg agtgggttac atcgaactgg 3540
 atctcaacag cggtgaagatc cttgagagtt ttcgccccga agaacgtttt ccaatgatga 3600
 gcacttttaa agttctgcta tgtggcgcggt tattatccccg tgttgacgcc gggcaagagc 3660
 aactcggctg ccgcatacac tattctcaga atgacttggg tgagtactca ccagtcacag 3720
 aaaagcatct tacggatggc atgacagtaa gagaattatg cagtgtgcc ataaccatga 3780
 gtgataacac tgcggccaac ttacttctga caacgatcgg aggaccgaag gagctaaccg 3840
 cttttttgca caacatgggg gatcatgtaa ctgccttga tcgttgggaa ccggagctga 3900
 atgaagccat accaaacgac gagcgtgaca ccacgatgcc tgtagcaatg gcaacaacgt 3960
 tgcgcaaact attactggc gaactactta ctctagcttc ccggcaacaa ttaatagact 4020
 ggatggaggc ggataaagtt gcaggaccac ttctgcgctc ggcccttccg gctggctggg 4080
 ttattgctga taaatctgga gccggtgagc gtgggtctcg cggtatcatt gcagcactgg 4140
 ggccagatgg taagccctcc cgtatcgtag ttatctacac gacggggagt caggcaacta 4200
 tggatgaacg aaatagacag atcgctgaga taggtgcctc actgattaag cattggtaac 4260
 tgtcagacca agtttactca tatatacttt agattgattt aaaacttcat ttttaattta 4320
 aaaggatcta ggtgaagatc ctttttgata atctcatgac caaaatccct taacgtgagt 4380
 tttcgttcca ctgagcgtca gaccccgtag aaaagatcaa aggatcttct tgagatcctt 4440
 tttttctgcg cgtaatctgc tgcttgcaaa caaaaaaacc accgctacca gcggtggttt 4500
 gtttgccgga tcaagagcta ccaactcttt ttccgaaggt aactggcttc agcagagcgc 4560
 agataccaaa tactgtcctt ctagtgtagc cgtagttagg ccaccacttc aagaactctg 4620
 tagcaccgcc tacatacctc gctctgctaa tcctgttacc agtggctgct gccagtggcg 4680
 ataagtctg tcttaccggg ttggactcaa gacgatagtt accggataag gcgcagcggg 4740
 cgggctgaac ggggggttcg tgcacacagc ccagcttggg gcgaacgacc tacaccgaac 4800
 tgagatacct acagcgtgag ctatgagaaa gcgccacgct tcccgaaggg agaaaggcgg 4860
 acaggatatcc ggtaagcggc agggtcggaa caggagagcg cacgaggag cttccagggg 4920
 gaaacgcctg gtatctttat agtcctgtcg gggttcgcca cctctgactt gagcgtcgat 4980
 ttttgtgatg ctcgtcaggg gggcggagcc tatggaaaaa cgccagcaac gcggcctttt 5040

YFPGGFP Sequence.ST25.txt

tacggttcct ggccttttgc tggccttttg ctcacatggt ctttcctgcg ttatcccctg	5100
attctgtgga taaccgtatt accgcctttg agtgagctga taccgctcgc cgcagccgaa	5160
cgaccgagcg cagcgagtca gtgagcgagg aagcggaaga gcgcctgatg cggatattttc	5220
tccttacgca tctgtgcggt atttcacacc gcatatgggt cactctcagt acaatctgct	5280
ctgatgccgc atagttaagc cagtatacac tccgctatcg ctacgtgact gggtcatggc	5340
tgcgccccga caccgcgcaa caccgctga cgcgcctga cgggcttgct tgctcccggc	5400
atccgcttac agacaagctg tgaccgtctc cgggagctgc atgtgtcaga ggttttcacc	5460
gtcatcaccg aaacgcgcga ggcagcagat caattcgcgc gcgaaggcga agcggcatgc	5520
atttacgttg acaccatcga atggtgcaaa acctttcgcg gtatggcatg atagcgccccg	5580
gaagagagtc aattcagggg ggtgaatgtg aaaccagtaa cgttatacga tgtcgcagag	5640
tatgccggtg tctcttatca gaccgtttcc cgcgtggtga accaggccag ccacgtttct	5700
gcgaaaacgc gggaaaaagt ggaagcggcg atggcgggagc tgaattacat tcccaaccgc	5760
gtggcacaaac aactggcggg caaacagtcg ttgctgattg gcgttgccac ctccagtctg	5820
gccctgcacg cgccgtcgca aattgtcgcg gcgattaaat ctcgcgccga tcaactgggt	5880
gccagcgtgg tggtgtcgat ggtagaacga agcggcgtcg aagcctgtaa agcggcggtg	5940
cacaatcttc tcgcgcaacg cgtcagtggg ctgatcatta actatccgct ggatgaccag	6000
gatgccattg ctgtggaagc tgcctgcact aatgttccgg cgttatttct tgatgtctct	6060
gaccagacac ccatcaacag tattattttc tcccatgaag acggtacgcg actgggcgtg	6120
gagcatctgg tcgcattggg tcaccagcaa atcgcgctgt tagcggggccc attaagttct	6180
gtctcggcgc gtctgcgtct ggctggctgg cataaatatc tactcgcga tcaaattcag	6240
ccgatagcgg aacgggaagg cgactggagt gccatgtccg gttttcaaca aaccatgcaa	6300
atgctgaatg agggcatcgt tcccactgcg atgctggttg ccaacgatca gatggcgctg	6360
ggcgcaatgc gcgccattac cgagtccggg ctgcgcgttg gtgcggatat ctcggtagtg	6420
ggatacgacg ataccgaaga cagctcatgt tatatcccg cgtcaaccac catcaaacag	6480
gattttcgcc tgctggggca aaccagcgtg gaccgcttgc tgcaactctc tcagggccag	6540
gcggtgaagg gcaatcagct gttgcccgtc tactgggtga aaagaaaaac caccctggcg	6600
cccaatacgc aaaccgcctc tccccgcgcg ttggccgatt cattaatgca gctggcacga	6660
caggtttccc gactggaaaag cgggcagtga gcgcaacgca attaattgtga gttagcgcg	6720
attgatctg	6729